

The Anomalous Scattering of X Rays by a Crystal of an
AlCu Supersaturated Solid Solution, by G. V. Kleshchev,
M. M. Vasilevskaya, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1
1962, pp 87-89.

AIP
Sov Phys - Dok
Vol VII, No 3

Sci - Phys
Oct 62

The Reversibility of Cracks in Glass, by V. M. Finkel'
I. A. Kutkin, 2pp.

RUSSIAN, per; Dok Ak Nauk SSSR, Vol CXLIII, No 1,
1962, pp 90-91.

AIP
Sov Phys - Dok
Vol VII, No 3

Sci - Phys

Oct 62

The Limiting-Creep Stress of Steel in the Presence of
Active Metal Melts, by M. I. Chayevskiy, L. S.
Bryukhanova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
1962, pp 92-94

AIP
Sov Phys - Dok
Vol VII, No 3

Sci] Phys

Oct 62

Phase Transformations in Thin Ni-Se Layers, by G. A. Efendyev, I. V. Ivanova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1, 1962, pp 95-96.

AIP
Sov Phys - Dok
Vol VII, No 3

Sci - Phys

Oct 62

<p>Dikii, L. A. THE INFLUENCE FUNCTION FOR SMALL PERTUR- BATIONS OF A ISOTHERMALLY STRATIFIED, BAROCLINIC ATMOSPHERE. [1962] 6p. 1 ref. Order from OTS or SLA \$1.10 63-10854</p> <p>Trans. of <u>Akademiya Nauk SSSR</u>. <u>Doklady</u>, 1962, v. 143, no. 1, p. 97-100.</p> <p>DESCRIPTORS: *Atmosphere, Functions, Acoustics, Gravity, Integral transforms, Integral equations, *Perturbation theory.</p> <p>(Earth Sciences--Atmosphere, TT, v. 9, no. 12)</p>	<p>63-10854</p> <p>I. Dikii, L. A. <i>Amer Geol Inst</i></p> <p>Office of Technical Services</p>
---	--

Gamma-Ray Intensity Over the Sea, by A.F. Pedorov
and G. V. Samokhin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp 101-103.

Amer Geol Inst

Sci

Apr 64

Dimeric Complexes in Paramagnetic Nickel Compounds.
The Structure of Crystals Ni_2Cl_2 and Ni_2Br_2 , by
A. S. Antsyshkina, M. A. Porai-Koshits, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 105-108.

CB

Sci

Feb 63

Chemical Shift and Dienophil Activity in the Diene
Synthesis Reaction, by B. A. Arbuzov, A. I. Konovalov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 109-110.

CB

Sci

Feb 63

The Effect of External Factors on the Mechanism and
Steric Direction of the Wittig Reaction, by
L. D. Bergel'son, V. A. Vaver, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 111-114.

CB

SC1

Feb 63

A Study of the Reaction of Lead Selenide with Oxygen,
by V. P. Zlomanov, A. V. Növselova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 115-118.

CB

Sci

Feb 63

On Yttrium Hydride, by M. E. Kost, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 119-121.

CB

Sci

Feb 63

A Spectrophotometric Study of Compounds of Iodine with
One Positive Valence, by V. O. Mokhnach, N. M. Rusakova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 122-125.

CB

Sci

Feb 63

A Manganothermal Method for Obtaining Intermetallic
Manganese-Bismuth Compounds, by E. M. Natanson,
V. V. Bushin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1
Mar/Apr 1962, pp 126-129.

CB

Sci

Feb 63

The Reaction of Fluorination of Uranium Tetrafluoride
by Chlorine Trifluoride, by N. S. Nikolayev,
Yu. D. Shishkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLIII, No 1,
Mar/Apr 1962, pp 130-132. 92 032 39; 9214311

CB
↓
(CEA-R-1699
(Rus to French)
↳ 7 pp.
↳ also OTS TT-63-24276

Sci

Feb 63

The Heat of Decomposition and Formation of Dicyclohexyl-
and Dimethyl Peroxydicarbonate, by N. B. Rabinovich,
V. I. Tel'noy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 133-136.

CB

Sci

Feb 63

A Study of the Structure of Complex Aliphatic Organic
Lithium Compounds, by A. N. Rodionov, D. N. Shigorin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 137-139.

CB

Sci

Feb 63

The Synthesis and Properties of 1-Dimethylamino-3-Methylazetidin-2-one, by T. A. Sokolova, L. A. Ovsyannikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1, Mar/Apr 1962, pp 140-142.

CB

Sci

Feb 63

Catalymetric Titrations, by K. B. Yatsimirskiy,
T. I. Fedorova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
Mar/Apr 1962, pp 143- .

CB

Sci

Feb 63

Oxide Inclusions in Iron-Vanadium Alloys, by
V. A. Mehledlishvil, A. M. Samarin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section, Vol CXLIII, No 1, 1962, pp 159-161.

CB

Sci

Aug 63

<p>Chukhanov, Z. F., Kashurichev, A. P., and Stonans, Ya. A.</p> <p>THE EFFECT OF DISPROPORTIONING THE COMPOSITION AND THE INCREASE IN THE YIELD IN VOLATILE PRODUCTS IN FUEL PYROLYSIS AT HIGH HEATING RATES (Effekt Disproportsonirovaniya Sostava i Pobysleniya Vykhoda Lietuchikh Produktov Proliza Topliva pri Vysokikh Skorostyakh Ego Nagrevaniya). [1962] [10]p. 14 refs.</p> <p>Order from OTS or SLA \$1.10</p> <p>Trans. of Akademiya Nauk SSSR, Doklady, 1962, v. 143, no. 1, p. 162-165.</p> <p>DESCRIPTORS: *Fuels, *Pyrolysis, Heat, Decomposition, *Coal, Coal gas, Coal, Tar, Vapors.</p> <p>(Materials--Fuels, TT, v. 9, no. 12)</p>	<p>63-10181</p> <p>I. Chukhanov, Z. F. II. Kashurichev, A. P. III. Stonans, Ya. A.</p> <p>CB</p> <p>Office of Technical Services</p>
--	--

New Data on the Fossil Flora From Beds Corresponding to the Cretaceous-Paleogene Boundary in the Zeya-Bureya Depression, by G.M. Brattseva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences Section, Vol CXLIII, No 1, 1962, pp 167-170.

Amer ~~Inst~~ Geol kInst

Sci

Apr 64

A New Lokosovo Suite in Jurassic Deposits of the
Middle Ob', by ~~Em~~ F.G. Gurari, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp 171,174.

Amer Geol Inst

Sci

Apr 64

Combined Use of Age Data and Mineral Analysis in
Paleogeographic Problems, With Reference to the
Basin of the Lena, by G.P. Dubar', 2 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp175-178.

Amer Geol Inst

Sci

Apr 64

An Occurrence of a Raised Beach of the Black Sea
in the Berda Valley, by N.N. Karlov, 1 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp179-180.

Amer Geol Inst

A Sci

Apr 64

The Chokurovka Mammoth and its Food Supply, by S.S.
Korzhujev and R.V. Fedorova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp 181-183.

Amer Geol Inst

Sci

Apr 64

The Absolute Age of the Eastern Antarctica Crystalline
Basement, by A. Ya. Krylov and P.S. Voronov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp 184-187.

Amer Geol Inst

Sci

Apr 64

Mollusks of the Genus *Corbicula* From the Quaternary
of the Baykal Area, by N.A. Logachev and S.M. Popova,
2 pp.

RUSSIAN, per, ~~Dok Ak. Nauk SSSR~~, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp 188-190.

Amer Geol Inst

Sci

Apr 64

Composition of the Bitumens Migrating From Parent Rocks
and the Accumulation of These Bitumens in Traps, by
S.G. Meruchev, 2pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp 191-193.

Amer Geol Inst

Sci

Apr 64

Displacement of Permian-Triassic Complexes Along
the Southeast Pamir Faults, by S.V. Ruzhentsev,
2pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp 198-200.

Amer Geol Inst

Sci

Apr 64

The Ashe Suite in the Chusovaya River Basin, by I.S. Sk
Stepanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 1, 1962, pp 201-203.

Amer Geol Inst

Sci

Apr 64

The Age or Metamorphic Tocks in the Northeast of the USSR and Signs of Repeated Metamorphism, by L.V. Firsov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences Section, Vol CXLIII, No 1, 1962, pp 204-206.

Amer Geol Inst

Sci

Apr 64

The Isoelectric Point of the Nucleolus and
Protoplams, and the Mitotic Activity of Cells
of Growing Points and Growing Leaves, by
L. P. Chel'tsova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 210-213.

CB

Sci

Nov 63

On the Histochemical Test for Polysaccharides in Studying
Disturbances in Spermatogenesis, by I. A. Chalisov,
T. N. Khavkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 214-217.

CB

Sci

Nov 63

Effect of Small Doses of Ionizing Radiation and
Cysteamine on Mitotic Activity of Corneal and
Duodenal Crypt Epithelium, by L. B. Berlin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 1,
1962, pp 218-220.

AIP
Sov Phys - Dok
Vol VII, No 3

CB

Sci - Phys

Oct 62

Effect of Reserpine on the Nucleic Acid Content of
Different Layers of the Cerebral Cortex, by
M. N. Baranov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 221-224.

CB

Sci

Nov 63

Effect of γ -Irradiation on Nucleic Acid Metabolism in
Storage Organs of Plants, by L. V. Metlitskiy,
N. P. Korableva, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 225-227.

CB

Sci

Nov 63

Proteins of Rhabdomyoblastomata, by A. N. Parshin,
Kh. L. Aleksandr, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 228-230.

CB

Sci

Nov 63

Synthesis of Polymeric Plasma Substitutes With Inhibitor
Antioxidant Properties, by S. N. Ushakov, O. M. Klimova

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 231-234.

ATS RJ-5465 CB

Sci

Nov 63

Transformations of Protein Fractions During Germination of Corn Seeds, by A. N. Pavlov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLIII, No 1, 1962, pp 235-238.

CB

Sci

Nov 63

Suppression of the Growth of Crown Gall Plant Tumors,
by Cristofor I. Simionescu, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 239-241.

CB

Sci

Nov 63

Weights of Skeleton and Bone Marrow of the Hare
(Lepus ~~Erx~~Europaeus Pall), by V. I. Kosobutskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 242-244.

CB

Sci

Nov 63

A Study of the Pathogenesis of Atherosclerosis by
Histochemical Determination of Esterases and
Lipases, by B. B. Fuks, F. L. Leites, et al,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 1, 1962, pp 245-248.

CB

Sci

Nov 63

On the Reducibility of a System of Ordinary
Differential Equations in the Neighborhood of a ~~CONDITIO~~
Conditionally Periodic Motion, by E. G. Belaga,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII,
No 2, 1962, pp 255-258.

Amer Math Soc
Sov Math - DOK
Vol III, No 2

Sci - Math

211, 643

Sep 62

On the Asymptotic Solution of a Problem with a
Free Boundary for the Heat Conduction Equation,
by I. V. Bocarova, 3 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXLIII,
No 2, 1962, pp 259-261.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

Sci - Math

211, 644

Sep 62

Topological and Lattice-Completeness of Normed and
Linear Topological Lattices, by A. I Veksler, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR. Vol CXLIII, No 2,
1962, pp 262-264.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

Sci - Math

Sept 62

AE Automorphisms of Homogeneous Convex Cones, by
E. B. Vinberg, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, III,
No 2, 1962, pp 265-268.

Amer Math Soc
Sov ~~III~~ Math - Dok
Vol III, No 2

211, 645

Sci - Math

Sep 62

On the Duality Principle of A. I. Markusevic, by
V. I. Gorgula, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII,
No 2, 1962, pp 269-271.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

Sci - Math

Sept62

Certain Congruences for the Number of Representations by Sums of an Odd Number of Squares, by A. A. Kiselev, I. S. Slavutskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2, 1962, pp 272-274.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

Sci - Math

211.646

Sep 62

Separability of Complete Direct Sums of Torsion-Free
Abelian Groups of Rank, by A. P. Misina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 275-276.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

Sci - Math

Sept 62

On the Theory of Periodic and Limit-Periodic Jacobian
Matrices, by P. B. Nayman, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 277-279.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

Sci - Math

Sept 62

Totally Bounded Metric Spaces, by Ju Orevkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2
1962, pp 280-281.

Amer Math Soc
Sov Math - ~~SSR~~ Dok
Vol III, No 2

Sci - Math

Sept 62

On the Completeness of Systems of Analytic Functions ~~FROM~~
Consisting of Solutions of Second-Order Differential
Equations, by V. V. Ryndina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII,
No 2, 1962, pp 282-285.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

Sci - Math

211.639

Sep 62

The Limit Behavior of Compositions of Measures in
Certain Symmetric Spaces, 2 By V. N. Tutubalin,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 286-288.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

Sept 62
Sci - Math

Some Cases of Generation of Periodic Motions in an n -di-
mensional Space, by L. P. Sil'nikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII,
No 2, 1962, pp 289-292.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

211, 640

Sci - & Math

Sep 62

Excessive Functions and Additive Functionals
of Markov Processes, by M. G. Sur, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLIII,
No 2, 1962, pp 293-296.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

211, 641

Sci - Math

Sep 62

DETERMINATION OF PERIODIC MOTIONS IN CONSERVATIVE
SYSTEMS WITH ONE DEGREE OF FREEDOM, BY T. F.
IVANOV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLIII, NO 2,
1962, PP 297-300.

AIP
SOV PHYS - DOK
VOL VII, NO 3

SCI - PHYS
OCT 62

212,113

The Stability of Flow of a Well Conducting Fluid
Across a Magnetic Field, by B. A. Tverskoy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 301-304.

AIP

Sov Phys - Dok

Vol VII, No 3

NASA TT F-8226-9205577

Sci - Phys

Oct 62

GOV'T USE ONLY

On the Stability Problem for Mine Shafts, by L. V.
Ershov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 305-307.

AIP
Sov Phys - Dok
Vol VII, No 3

Sci - Phys

Oct 62

Secondary Emission in the Bombardment of Molybdenum by
Neutral Atoms and Argon Ions, by U. A. Arifov,
R. R. Rakhimov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 309-311.

AIP
Sov Phys - Dok
Vol VII, No 3

Sci - Phys

Oct 62

Piezoelectric Effect in ~~Rx~~ Ruby Crystals, by
A. A. Kaplianskiy, A. K. Przheviuskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 313-316..

*Navy/APL

Sci - Phys

6 Sep 62

Channels and Macroscopic π Etching Figures in Single-Crystals of Pure Aluminum, by G. V. Lindenbaum, I. I. ~~NEKI~~ Novikov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2, 1962, pp 316-318.

AIP
Sov Phys - Dok
Vol VII, No 3

Sci - Phys

Oct 62

QUENCHING DEFECTS IN A NICKEL-ALUMINUM SOLID
SOLUTION, BY YU. A. OSIP'YAN, M. P. USIKOV,
3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLIII, NO 2,
1962, PP 319-322.

AIP
SOV PHYS - DOK
VOL VII, NO 3

SCI - PHYS
OCT 62

212,117

HIGH QUALITY AND HIGH STABILITY QUARTZ RESONATORS
FOR THE USSR STATE FREQUENCY STANDARD, BY A. G.
STRAGIN, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLIII, NO 8,
1962, PP 323-326. ²

AIP
SOV PHYS - DOK
VOL VII, NO 3

SCI - PHY S
OCT 62

212,118

ON THE DEFORMATION~~XXXX~~ OF A THIN CLAMPED GLASS PLATE
(FILM) UNDER THE ACTION OF A UNIFORMLY DISTRIBUTED
LOAD, BY S. V. TOLKACHNIK, V. V. ROSTOKINSKIY,
4 PP.

RUSSIAN, PRE, DOK AK NAUK SSSR, VOL CXLIII, NO 2,
1962~~2~~, PP 327-330

AIP
SOV PHY S - SOK
VOL VII, NO 3

SCI - PHYS
OCT 62

202,119

The Crystal Structure of Loesserite $Mg[B_3O_3(OH)_5] \cdot 5H_2O$, by A. Ashirov, I. M. Rumanova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2, 1962, pp 331-334.

AIP
Sov Phys - Dok
Vol VII, No 3

Sci - Physics

Oct 62

Complex Formation in the System $\text{CoBr}_2\text{-HBr-H}_2\text{O}$,
S. N. Andreyev, V. G. Khaldin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
Mar/Apr 1962, pp 335-337.

CB

Sci

Feb 63

The Structure of the Compound $\text{NH}_4\text{Na}_2\text{MoO}_7 \cdot 7\text{H}_2\text{O}$ and
its Place in the Classification of Molybdenum Compounds,
by L. O. Atovmyan, G. B. Bokiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 3,
Mar/Apr 1962, pp 342-344.

CB

Sci

Feb 63

Quantitative Determination of Salts and Their Mixtures
with Acids and Bases by Potentiometric Titration in
a Solution of Methyleneethylketone, by A. P. Kreshkov,
A. N. Yarovenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
Mar/Apr 1962, pp 348-350.

CB

Sci

Feb 63

Hydrogen Isotope Exchange in Cyclopentadienylmanganese-
tricarbonyl, by A. Nesmeyanov, D. N. Kursanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
Mar/Apr 1962, pp 351-353.

CB

Sci

Feb 63

Salts of 3-Aminoindones, by Ya. F. Freimanis,
G. Ya. Vanag, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
Mar/Apr 1962, pp 354- .

CB

Sci

Feb 63

Barachevskii, V. A., Kotov, E. I., and Terenin, A. N.
SPECTRA OF MOLECULAR IONS OF ANTHRACENE
FORMED IN VACUUM ADSORPTION. [1962] 5p.
Order from ATS \$7.50 ATS-88P61R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1962,
v. 143, no. 2, p. 362-365.

DESCRIPTORS: *Anthracenes, Molecules, Ions, Spec-
trographic analysis, Vacuum systems, Adsorption.

(Physics--Spectroscopy, TT, v. 9, no. 1)

62-34238

- I. Barachevskii, V. A.
- II. Kotov, E. I.
- III. Terenin, A. N.
- IV. ATS-88P61R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

ATS RJ-4086

Office of Technical Services

The Solubility of Tetravalent Lead and the Mechanism
by Which it Dissolves, by L. V. Vanyukova,
M. M. Isayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLIII, No 2, 1962, pp 377-379.

CB

Sci

Aug 63

The Theoretical Foundations of the Preparation of
New Expanding Water-Impervious Preparations Based
on Portland Cement, by O. P. Mchedlov-Petrosyan,
L. G. Filatov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLIII, No 2, 1962, pp 380-383.

CB

Sci

Aug 63

Anodic Processes in the Electrolysis of the
Salts of Monoesterified Carboxylic Acids,
by M. Ya. Fioshin, G. P. Girina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLIII, No 2, 1962, pp 384-387.

CB

Sci

Aug 63

The Reaction of Cuprous Sulfide With Zinc-
Containing Silicate Melts, by D. M. Chizhiko,
S. S. Deineka, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical
Technology Section), Vol CXLIII, No 2, 1962,
pp 388- .

CB

Sci

Aug 63

The Devonian Alkalic Igneous Complex in the North
of the Kuznetsk Alatau, by M.G. Berger, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 2, 1962, pp 394-397.

Amer Geol Inst

Sci

apr 64

Oolitic Rocks of the Tyumen' Suite in the ~~Ex~~ West
Siberian Lowlands, by ^aT.I. Gurova, 3 pp. _b

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Earth Sciences
Section, Vol CXLIII, No 2, 1962, pp 398-401.

Amer Geol Inst

Sci

Apr 64

Nature of Solid Bitumens in the Reservoir Rocks of the
Shebela Gascondensate Deposit, by O.V. Zaritskaya and
P.V. Zaritskiy, 1 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 2, 1962, pp 402-404,

Amer Geol Inst

Sci

Apr 64

Fossil Soils of the Valday Interstadial, by T.D.
Morozova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 22, 1962, pp 405-408.

Amer Geol Inst

Sci

Apr , 64

Age and Fossils of the Boundary Units Between the
~~Eocene~~ Eocene and Oligocene in the Akhaltsikh Basin,
by K.G. Tatiyeva, 3 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Earth Sciences
Section, Vol CXLIII, No 2, 1962, pp 409-412.

Amer Geol Inst

Sci

Apr 64
a

Corrosion Inhibitors for Carbon Steel in
Carbon Tetrachloride, by S. A. Balezin, V. M.
Chistyakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLII, No 2, 1962, pp 416- .

CB

Sci

Aug 63

A Study of Cells During Regeneration and the Formation
of Secondary Meristems, by L. P. Chel'tsova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 434-436.

CR

Sci

Nov 63

The Iodine Number of Lipids and the Thermal
Stability of Muscle Tissue of Lake Frogs
Inhabiting Cold or Warm Regions, by B. P. Ushakov,
M. A. Glushankova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 437-4420.

CB

Sci

Nov 63

Induction of Radiation Cataract by Traumatization
of Irradiated Crystalline Lens, by V. V. Popov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 441-443.

AIP
Sov Phys - Dok
Vol VII, No 3
CB

Sci - Phys

Oct 62

Biochemical Analysis of Reaction of Muscle Tissue to
Radiation Injury in Conditions of Mechanical Trauma,
by M. F. Popova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 2,
1962, pp 444-447.

AIP
Sov Phys- Dok
Vol VII, No 3
CB

Sci - Phys

Oct 62

CORRELATION BETWEEN GERMINATION AND SURVIVAL OF
VARIOUS SPECIES OF CULTIVATED PLANTS AFTER
EXPOSURE OF SEEDS TO DIFFERENT DOSES OF CO⁶⁰ Y
RAYS, BYE. I. PREOBRAZHENSKAYA, N. V. TIMOFEYEV-
RESOVSKIY, 5 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLIII, NO 2,
1962, PP 448-451.

AIP
SOV PHYS - DOK
VOL VII, NO 3
CB

SCI - PHYS
OCT 62

212,121

Study of Some Transformations of Nucleotides in
Aqueous Extracts of Rabbit Kidney and Spleen, by
A. V. Kotel'nikova, V. V. Solomatina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 452-455.

CB

Sci

Nov 63

Fluorescence of Aggregated Forms of Bacteriochlorophyll,
Bacterioviridin and Chlorophyll in Relation to the
State of the Pigments in Photosynthesizing Organisms,
by A. A. Krasnovskiy, Yu. E. Erokhin, et al, 3 pp.

RUSSIAN, per, Vol CXLIII, No 2, 1962, pp 456-459.

CB

Sci

Nov 63

Metabolic Heterogeneity of Chlorophyll in Plants, by
A. A. Shlyk, G. N. Nikolayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 460-463.

CB
OTS 63-16729

Sci

Nov 63

On the Spore Tetrads of Pteridophytes, by
A. N. Sladkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 464-466,

CB

Sci

Nov 63

Concentration Gradients of Chlorine and S³⁵ in
Plants in Relation to Stages of Development, by
I. E. Rogalev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 467-470.

CB

Sci

Nov 63

The Nature of Cell Reproduction in the Central
Nervous System of the Nymph of the House Cricket
(Gryllus Domesticus L., Orth., Insecta), by
A. A. Panov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 471-474.

CB

Sci

Nov 63

On the Possibility of Developing an Animal Organism
Under Conditions of Air Nitrogen Substituted by
Helium, by V. V. Boriskin, et al. 9 pp.

RUSSIAN, par, Dok Akad. Nauk SSSR, Vol 143,
No 2, 1962, pp 475-478. 9878638

FID-TT-62-1072

CB

Sci - Biol
Nov 62

216,924

Fertilization and Development of Eggs of the White
Sea Herring, *Clupea harengus pallasii* n. *maris-albi*
Berg(Var. A), by L. A. Galkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 479-482.

CB

Sci

Nov 63

Amount of Blood and Hemoglobin and Some Properties
of Hemopoiesis in Newborn ~~XXXXX~~Kittens, by
L. I. Irzhad, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 483-486.

CB

SCI

Nov 63

Discharge of Glycine-C¹⁴ and Methionine-S³⁵ by
the Salivary Glands During Conditioned and
Unconditioned Secretion, by Yu. A. Petrovich,
R. P. Podorozhnaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 487-490.

CB

Sci

Nov 63

Toxoplasmosis of Wild Birds in the USSR, by A. K.
Ivgiste, V. M. Gusev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLIII, No 2, 1962, pp 491-492.

CB

Sci

Nov 63

New Data on the Permian-Triassic Boundary in the
Severnaya Dvina Basin, by N.A. Pakhtusova and M.I.
Shishkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLIII, No 3, 1962, pp194-197.

Amer Geol Inst

Sci

Apr 64